Creating attractive inner-city landscapes

OptiSpace

OptiSpace is a creative bollard solution which enables you to build a more attractive, citizen-centric inner-city space by avoiding verticalisation of the urban landscape. OptiSpace delivers all this and more while delivering an attractive TCO for your investment. Enabled by the different control options, you can reduce energy consumption and minimise TCO further. And thanks to the excellent and optimised light distribution options, you can maximise spacing between the bollards, thereby minimising the number of light points needed to be installed. To support different design schemes, OptiSpace is also available in different colours: Philips Ultra Dark Grey is the standard colour and other colours are available on request.

Benefits
- A discreet design, nicely blending into modern inner-city spaces
- Attractive Total Cost of Ownership
- Compliant with key national and international regulations in Europe

Features
- Enabling wide spacing, up to 20 metres
- Delivering up to 4,300 lm light output
- IP66 and IK10 ratings
- Warm White (WW)/Neutral White (NW) colour temperature options
- Choice of both asymmetric and symmetrical optics
- Ground section accessory

Application
- Parks and plazas
- Pedestrian and cycle paths
- Building facades and car parks

Specifications

OptiSpace

Ambient Temperature	–40 to +50 ℃		**Initial luminous flux**	2390 lm, 4900 lm
Main colour of the luminaire	Black		**Input frequency**	50 to 60 Hz
Initial correlated colour temperature	4000 K		**Input voltage**	220-240 V
	2,700 K to 4,000 K		**Inrush current (A)**	15, 22 A
Initial input power	20 W, 37.2 W		**Material**	Housing: aluminium die–cast
Initial LED luminaire efficacy	167, 173 lm/W		**Warranty period**	5 years
				5 years

Versions

OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD

Product details

OptiSpace-BCB500 -5DPP.TIF

OptiSpace-BCB500 -1DPP.TIF

OptiSpace-BCB500 -9DPP.TIF

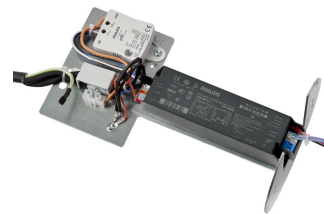**OptiSpace-BCB500 -7DPP.TIF**

PHILIPS

OptiSpace

Product details

OptiSpace-BCB500 -2DPP.TIF

OptiSpace-BCB500 -3DPP.TIF

OptiSpace-BCB500 -4DPP.TIF

OptiSpace-BCB500 -8DPP.TIF

OptiSpace-BCB500 -6DPP.TIF

OptiSpace-BCB500 -10DPP.TIF

Accessories

OPTISPACE BOLLARD ACC.

Ordercode 48144500

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Driver failure rate at 5000 h	0.5 %

Approval and Application

Mech. impact protection code	IK10
Surge Protection (Common/ Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable	No

General Information

CE mark	CE mark
Light source colour	270 Warm White
Optical cover/lens type	PCC
Driver included	Yes
Flammability mark	F
Light source replaceable	Yes
Number of gear units	1 unit
Product Family Code	BCB500

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	2700 K
Init. Colour Rendering Index	>70

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	–
Upward light output ratio	0

Mechanical and Housing

Colour	Black

General Information

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Optic type
48118600	BCB500 LED56-4S/727 S DGR	177°	LED56	Symmetrical
48119300	BCB500 LED56-4S/727 ANB14 II S DGR	177°	LED56	Symmetrical
48120900	BCB500 LED27-4S/727 ANB14 II A DGR	7° - 9° x 177°	LED27	Asymmetrical

www.lighting.philips.com

2022, January 19 – data subject to change